



CERTIFICATE OF ANALYSIS

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Product Information

Product Name	Poly(ethylene glycol) GPC Standard (PEG, Mw: 10300)
Catalog Number	34036113-0679
Lot Number	24B838-A1
CAS Number	25322-68-3
Molecular Formula	(C ₂ H ₄ O) _x H ₂ O
Test date	Nov 10, 2025
Retest date	Nov 09, 2029
Storage	0-8°C
Shipping Condition	Wet ice

Characterization

Test Item	Description	Result
By Light Scattering	Methanol, four concentrations, 25°C $\lambda=664\text{nm}$, $dn/dc=0.145$	Mw=10200
By GPC/Light Scattering	Column Set: Ultrahydrogel Linear (2) Solvent: Water/0.05M Sodium azide Concentration: 20 mg/ml Injection Volume: 50 μl Flow Rate: 1.00 ml/min	Mw=10300 Mp=10400 Mn=10100 Mw/Mn ≤ 1.02
By Hydroxyl Number	Hydroxyl Number = 10.63	Mn=10560



Note: In case of quality problem, please contact us within 15 days after receiving the products.

For laboratory use only, Not for human, drug or other uses.